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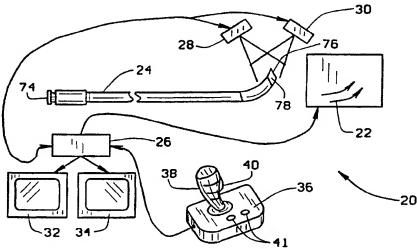
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### (57) Abstract

An apparatus (20) for navigating a magnet tipped medical device (24) through the body includes a magnet system (22) for applying a magnetic field to the magnet tipped distal end of the medical device to orient the distal end (78) of the medical device; a computer (26) for controlling the magnet system to generate a specific magnetic field in the body part; first and second imaging devices (28) (30) connected to the computer, for providing bi-planar images of the body part through which the medical device is being navigated; first, and second displays (32) (34) for displaying the images from the image devices; and an input device (36) for inputting points identifying the desired path of the medical device on each of the displays. The computer is programmed to determine the magnetic field necessary to control/orient the medical device on the path input on the displays.

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